

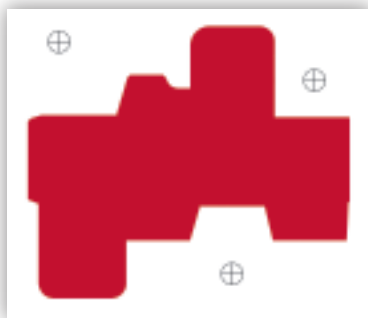
Streamline Cut-Path Positioning for Printed Materials

Printed materials sometimes require precision cutting in register with the printing. Common registration methods, including edge registration and pin registration, have accuracy limitations and can present workflow challenges. To solve these issues, Universal developed camera registration for ILS platforms.

▶ What is Universal's Camera Registration?

Universal's Camera Registration (UCR) features a camera mounted inside the laser system that locates and determines the exact positions or registration marks on printed materials. Software adjusts the predefined cut path to fit the material. A laser system user simply places material close to the correct position in the laser system and the UCR automatically makes adjustments to the cut path to fit the material where it is placed.

▶ Workflow



Material with registration marks



Screen - cut path with registration marks



Finished Cut Material

▶ About ILS Platforms

Camera registration is available exclusively on new ILS systems. The ILS9.75 and ILS12.75 platforms are designed for laser material processing in a wide variety of production environments. The ILS9.75 has a spacious 36" x 24" x 12" work envelope. The ILS12.75 is our largest and most versatile platform with a 48" x 24" x 12" work envelope.

▶ Advantages/Benefits

Camera registration systems are available for other cutting systems, but they typically either require users to leave their design software of choice and work within proprietary registration layout software or they require cumbersome additional software plug-ins that may not be compatible with future design software updates. In addition, they typically recognize only one or just a few types of registration marks.

With Universal's Camera Registration (UCR) advantages customers are able to:

Work directly with most popular vector-based Windows software including Adobe Illustrator, CorelDRAW and AutoCAD (no import or software plug-ins required)

Use standard registration marks including unfilled circle, solid circle, cross hairs and combined crosshairs/circle

Teach new registration marks

Get support directly from Universal because the UCR was developed by and is supported by ULS

▶ Contact your Universal Laser Systems authorized channel partner for more information.

Channel Partner Name
Phone Number

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Learn more at www.ulsinc.com/UCR